

Ethan Jiang

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Work Experience

Honey Software Engineering Intern, Core

PayPal - Los Angeles, CA

Sep 2021 - Dec 2021

- Added gift card redemption support for 4 new currencies across 9 European countries.
- Refactored Honey's transaction API, resulting in a 99% reduction in inaccurate user points.

Honey Software Engineering Intern, Core

PayPal - Los Angeles, CA

Jan 2021 - Apr 2021

- Built internal incident analysis tool to query, filter, and display over 50,000 Datadog events a day with React and Node.js.
- Developed internal Node.js package to trigger integration tests from CircleCI and retrieve results from Google Cloud Storage, used by Honey's GraphQL Federation and users API.
- Upgraded Honey's testing infrastructure with customizable Kubernetes environment variables, customizable Spinnaker pipelines for direct load balancer testing, and a UI overhaul for Honey's internal testing dashboard with React.

Software Engineering Intern, Full Stack

hyperPad - London, ON

Sep 2019 - Dec 2019

- Architected commenting and user API for hyperPad's game-sharing hub of over 10,000 users across mobile and web with Objective-C, Swift, and Ruby.
- Optimized and deployed children's healthcare application for UC Irvine's medical research team on iOS and Android with React, React Native, and GraphQL.
- Built front-end interface for Sony job board app with encrypted image upload with React.

Software Developer Intern

The Co-operators - Kitchener, ON

Jan 2019 - Apr 2019

- Designed and built a cross-platform insurance prospecting web app reaching over 2000 employees with Angular, Node.js, and PostgreSQL; replaced legacy software and sped up insurance prospecting process by 50%.
- Performed code reviews and held meetings with 3 other co-op students working on the web app.
- Represented the intern team in company meetings and presentations.

Projects

iMagic

Sep 2019 - Nov 2019

- Native iOS app to assist magicians in a variety of prediction and mind-reading illusions with customizable preferences.
- Performed in over 15 private magic shows with 400+ audience members.

Education

Honours Computer Science

University of Waterloo

Sep 2017 - May 2022

Skills

Python | JavaScript | React | Node.js | GraphQL | SQL | Git | AWS | Docker